

Application Serial No: 10/730,186
Reply to Office Action of 18 November 2004

Attorney Docket No. 83134

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (cancelled)
2. (cancelled)
3. (previously presented) A device to prevent superheating of a liquid within a microwave oven, said device comprising:

a transducer positionable on a surface within the microwave oven wherein the surface supports a container for the liquid, said transducer responsive to a source of energy such that said transducer vibrates the surface thereby nucleating and allowing the liquid to boil such that the liquid is prevented from superheating; and

wherein said transducer is capable of being energized by a pulsed impulse with sufficient amplitude to boil the liquid.

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4. (cancelled)

5. (previously presented) The device in accordance with claim 3 wherein said transducer is capable of being embedded within the surface of the microwave oven.

6. (original) The device in accordance with claim 5 wherein said transducer is capable of being energized by a source of energy powering the microwave oven.

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (cancelled)

11. (cancelled)

12. (cancelled)

13. (cancelled)

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14. (cancelled)

15. (cancelled)

16. (cancelled)

17. (cancelled)

18. (cancelled)

19. (cancelled)